

(No Model.)

H. C. CROCKER.

HERMETICALLY SEALED PAPER PACKAGE.

No. 248,146.

Patented Oct. 11, 1881.

Fig. 1

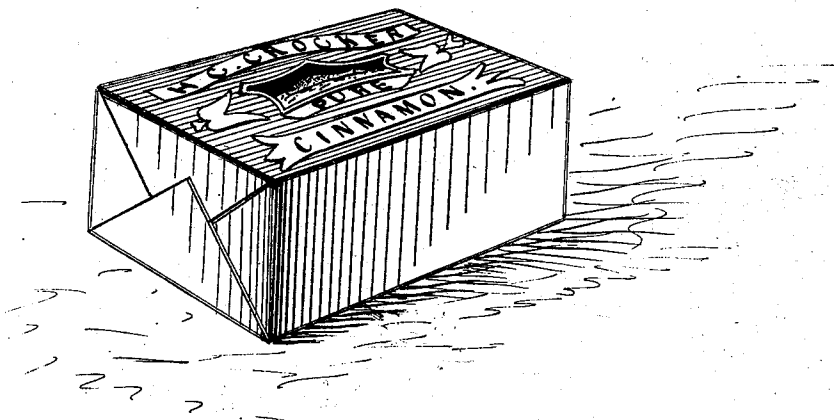
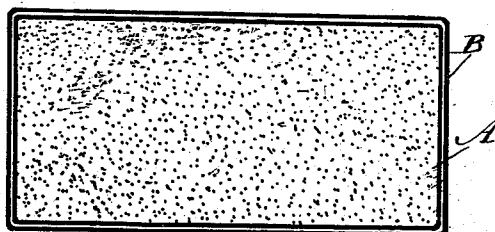


Fig. 2



WITNESSES:

C. Newell
C. Sedgwick

INVENTOR:

H. C. Crocker
BY *Mum & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

HENRY CLAY CROCKER, OF MILWAUKEE, WISCONSIN.

HERMETICALLY-SEALED PAPER PACKAGE.

SPECIFICATION forming part of Letters Patent No. 248,146, dated October 11, 1881.

Application filed July 7, 1880. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. CROCKER, of Milwaukee, Milwaukee county, Wisconsin, have invented a new and Improved Hermetically-Sealed Paper Package, of which the following is a specification.

The object of my invention is to provide a new and improved package which is hermetically closed, and is especially adapted for spices, coffee, baking-powder, and the like articles.

The invention consists of a filling of the material, a folded paper wrapper pasted together at the joints and inclosing said material, and having a superficial coating of paraffine for both hermetically closing the pores and hermetically sealing the joints and an exterior wrapper inclosing this.

The invention also consists in the process of putting up this package, as hereinafter more fully described.

In the accompanying drawings, Figure 1 is a perspective view of my improved package, and Fig. 2 is a longitudinal sectional elevation of the same.

Similar letters of reference indicate corresponding parts.

A package, A, is made of any desired kind of paper, and is filled with the desired material, and then sealed in the ordinary manner. The package is then steeped in a bath of melted wax, paraffine, or any other suitable material that will effectually close all the joints of the package air and water tight. The package is then provided with an ornamental cover or wrapper, B. This package is especially adapted for aromatic substances—such as spices, coffee, tea—and also for powdered and other substances that must be protected from moisture—such as baking and yeast powders and the like.

I am aware that packages have heretofore been made of paper treated with wax, paraffine, or like materials, but this I do not claim. This sort of paper cannot be made into a stable package, for the reason that the paper, when impregnated with paraffine, will not take the paste, and besides, as the paraffine is on both sides of the paper, the contents of the package are contaminated by direct contact with the paraffine. With my invention only clean paper

is next to the contents, and the paper being pasted before the paraffine is applied, a stable package results, while the paraffine closes up all seams and renders the package air-tight.

I am aware of English Patents No. 577 of 1861, and No. 2,099 of 1863, and I do not claim anything described therein.

My invention is distinctive with respect to the subject-matter of the foregoing patents, in that the package is made complete, as a perfect mechanical structure, by having its folds permanently and securely pasted before it is dipped in the paraffine, so that the package does not rely upon the paraffine for cementing its joint, but the paraffine has the special function of preserving the stability of the pasted joint by rendering it impregnable to atmospheric influences, in addition to its other advantages of rendering the paper impervious to moisture and hermetically sealing the package. If the folds were not first pasted, the paraffine of itself would not be sufficient, except for a very limited time. The pasting of the edges, therefore, becomes an important step in preceding the treatment of the package by paraffine, in preserving the stability of the hermetically-seated package.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A package consisting of a filling of material substantially as described, a folded paper wrapper inclosing the same and having a superficial coating of paraffine for both hermetically closing the pores and hermetically sealing the joints, and an exterior wrapper inclosing this, substantially as and for the purpose described.

2. The method of putting up coffee, spices, and other materials injuriously affected by air or moisture, which consists in placing them in a paper wrapper, fastening the seams and folds with paste, and hermetically sealing the package and the seams and interstices by immersion in melted paraffine, substantially as shown and described.

HENRY CLAY CROCKER.

Witnesses:

W. A. CONWAY,
FRANK SEBASTIAN.